

<b>DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION</b>  <input type="checkbox"/> Declaration -or- <input checked="" type="checkbox"/> Declaration  Submitted with initial filing                      submitted after initial filing	Docket No.:	61920541US
	First Named Inventor:	Jong-Sun LIM, <i>et al.</i>
	<i>Complete if known</i>	
	Application No:	10/535,237
	Application Filing Date:	May 17, 2005
	Group Art Unit:	To Be Assigned
	Examiner Name:	To Be Assigned

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**OPTICAL SHEET FOR A DISPLAY APPARATUS, METHOD OF MANUFACTURING THE SAME AND DISPLAY APPARATUS HAVING THE SAME**

The specification of which:

(check one)                      I is attached hereto  
☒ was filed on  
as Application Serial No. 10/535,237  
and was amended on May 17, 2005  
(if applicable)

**ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR**

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in 37, Code of Federal Regulations, § 1.56.

**37, Code of Federal Regulations, § 1.56**

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith toward the Patent and Trademark Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and (1) it establishes, by itself or in combination with other information, a *prima facie* case of unpatentability; or (2) it refutes, or is inconsistent with, a position the applicant takes in: (i) opposing an argument of unpatentability relied on by the Office, or (ii) asserting an argument of patentability.

McGUIRE WOODS

# PRIORITY CLAIMS

## Foreign and Provisional Applications

Prior Application Number(s)	Country or Provisional	Filing Date (MM/DD/YYYY)	Priority Not Claimed
2002-71660	KOREA	11-18-2002	<input type="checkbox"/>

## U.S. and PCT Applications

I hereby claim the benefit under Title 35, United States Code § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of the Federal Regulations § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application Number	PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)
	PCT/KR2003/002087	10-10-2003	

☐ Additional U.S. and/or PCT international application numbers are listed on a supplemental priority sheet attached hereto.

applicant takes in: (i) opposing an argument of unpatentability relied on by the Office, or (ii) asserting an argument of patentability.

### DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole

or First Inventor Jong-Sun LIM

Inventor's Signature [Signature] Date 2005. 10. 24

Residence 102 Green Villa, #934-52 Daerim 1-dong, Yeongdeungpo-gu, Seoul, Republic of Korea

Citizenship Republic of Korea

Post Office Address Same as above

Full Name of

Second Inventor Hyeong-Suk YOO

Inventor's Signature [Signature] Date \_\_\_\_\_

Residence 107-1802 Byeoksan 1cha Apt., Suji-eup, Yongin-si, Gyeonggi-do, Republic of Korea

Citizenship Republic of Korea

Post Office Address Same as above

Full Name of

Third Inventor Weon-Sik OH

Inventor's Signature [Signature] Date \_\_\_\_\_

Residence 204-802 Unam Jugong Apt., #920-2, Osan-dong, Osan-si, Gyeonggi-do, Republic of Korea

Citizenship Republic of Korea

Post Office Address Same as above

Full Name of

Fourth Inventor Sung-Chul KANG

Inventor's Signature

Date

Residence 164-1001 Hyundai Seongwoo 2cha Apt., Sanghyun-ri, Suji-eup, Yongin-si, Gyeonggi-do, Republic of Korea

Citizenship Republic of Korea

Post Office Address Same as above

<b>DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION</b>  <input type="checkbox"/> Declaration -or- <input checked="" type="checkbox"/> Declaration  Submitted with initial filing                      submitted after initial filing	Docket No.:	61920541US
	First Named Inventor:	Jong-Sun LIM, <i>et al.</i>
	<i>Complete if known</i>	
	Application No:	10/535,237
	Application Filing Date:	May 17, 2005
	Group Art Unit:	To Be Assigned
	Examiner Name:	To Be Assigned

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**OPTICAL SHEET FOR A DISPLAY APPARATUS, METHOD OF MANUFACTURING  
THE SAME AND DISPLAY APPARATUS HAVING THE SAME**

The specification of which:

(check one)                      is attached hereto  
☒ was filed on  
as Application Serial No. 10/535,237  
and was amended on May 17, 2005  
(if applicable)

**ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR**

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in 37, Code of Federal Regulations, § 1.56.\*

**37, Code of Federal Regulations, § 1.56**

- (a) \*A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith toward the Patent and Trademark Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and (1) it establishes, by itself or in combination with other information, a prima facie case of unpatentability; or (2) it refutes, or is inconsistent with, a position the applicant takes in: (i) opposing an argument of unpatentability relied on by the Office, or (ii) asserting an argument of patentability.

McGUIREWOODS

**PRIORITY CLAIMS**

**Foreign and Provisional Applications**

Prior Application Number(s)	Country or Provisional	Filing Date (MM/DD/YYYY)	Priority Not Claimed
2002-71660	KOREA	11-18-2002	<input type="checkbox"/>

**U.S. and PCT Applications**

<p>I hereby claim the benefit under Title 35, United States Code § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of the Federal Regulations § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.</p>			
U.S. Parent Application Number	PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)
	PCT/KR2003/002087	10-10-2003	

☐ Additional U.S. and/or PCT international application numbers are listed on a supplemental priority sheet attached hereto.

applicant takes in: (i) opposing an argument of unpatentability relied on by the Office, or (ii) asserting an argument of patentability.

### DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole

or First Inventor Jong-Sun LIM

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence 102 Green Villa, #934-52 Daerim 1-dong, Yeongdeungpo-gu, Seoul, Republic of Korea

Citizenship Republic of Korea

Post Office Address Same as above

Full Name of

Second Inventor Hyeong-Suk YOO

Inventor's Signature Yoo Hyeong Suk Date 2005. 10. 24

Residence 107-1802 Byeoksan 1cha Apt., Suji-eup, Yongin-si, Gyeonggi-do, Republic of Korea

Citizenship Republic of Korea

Post Office Address Same as above

Full Name of

Third Inventor Weon-Sik OH

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence 204-802 Unam Jugong Apt., #920-2, Osan-dong, Osan-si, Gyeonggi-do, Republic of Korea

Citizenship Republic of Korea

Post Office Address Same as above

Full Name of

Fourth Inventor Sung-Chul KANG

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence 164-1001 Hyundai Seongwoo 2cha Apt., Sanghyun-ri, Suji-eup, Yongin-si, Gyeonggi-do, Republic  
of Korea

Citizenship Republic of Korea

Post Office Address Same as above



<b>DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION</b>  <input type="checkbox"/> Declaration -or- <input checked="" type="checkbox"/> Declaration  <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">Submitted with initial filing</div> <div style="text-align: center;">submitted after initial filing</div> </div>	Docket No.:	61920541US
	First Named Inventor:	Jong-Sun LIM, <i>et al.</i>
	<i>Complete if known</i>	
	Application No:	10/535,237
	Application Filing Date:	May 17, 2005
	Group Art Unit:	To Be Assigned
Examiner Name:	To Be Assigned	

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**OPTICAL SHEET FOR A DISPLAY APPARATUS, METHOD OF MANUFACTURING  
THE SAME AND DISPLAY APPARATUS HAVING THE SAME**

The specification of which:

(check one)      is attached hereto  
☒ was filed on  
                     as Application Serial No. 10/535,237  
                     and was amended on May 17, 2005.  
                     (if applicable)

**ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR**

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in 37, Code of Federal Regulations, § 1.56.\*

**37, Code of Federal Regulations, § 1.56**

- (a) \*A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith toward the Patent and Trademark Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and (1) it establishes, by itself or in combination with other information, a prima facie case of unpatentability; or (2) it refutes, or is inconsistent with, a position the applicant takes in: (i) opposing an argument of unpatentability relied on by the Office, or (ii) asserting an argument of patentability.

McGUIRE WOODS

# PRIORITY CLAIMS

## Foreign and Provisional Applications

Prior Application Number(s)	Country or Provisional	Filing Date (MM/DD/YYYY)	Priority Not Claimed
2002-71660	KOREA	11-18-2002	<input type="checkbox"/>

## U.S. and PCT Applications

I hereby claim the benefit under Title 35, United States Code § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of the Federal Regulations § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application Number	PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)
	PCT/KR2003/002087	10-10-2003	

☐ Additional U.S. and/or PCT international application numbers are listed on a supplemental priority sheet attached hereto.

### DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole

or First Inventor Jong-Sun LIM

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence 102 Green Villa, #934-52 Daerim 1-dong, Yeongdeungpo-gu, Seoul, Republic of Korea

Citizenship Republic of Korea

Post Office Address Same as above

Full Name of

Second Inventor Hyeong-Suk YOO

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence 107-1802 Byeoksan 1 cha Apt., Suji-eup, Yongin-si, Gyeonggi-do, Republic of Korea

Citizenship Republic of Korea

Post Office Address Same as above

Full Name of

Third Inventor Weon-Sik OH

Inventor's Signature Weon-Sik Oh Date 2005. 10. 24

Residence 204-802 Unam Jugong Apt., #920-2, Osan-dong, Osan-si, Gyeonggi-do, Republic of Korea

Citizenship Republic of Korea

Post Office Address Same as above

Full Name of

Fourth Inventor Sung-Chul KANG

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence 164-1001 Hyundai Seongwoo 2cha Apt., Sanghyun-ri, Suji-eup, Yongin-si, Gyeonggi-do,

Republic of Korea

Citizenship Republic of Korea

Post Office Address Same as above

<b>DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION</b>  <input type="checkbox"/> Declaration -or- <input checked="" type="checkbox"/> Declaration  Submitted with initial filing                      submitted after initial filing	Docket No.:	61920541US
	First Named Inventor:	Jong-Sun LIM, <i>et al.</i>
	<i>Complete if known</i>	
	Application No:	10/535,237
	Application Filing Date:	May 17, 2005
	Group Art Unit:	To Be Assigned
	Examiner Name:	To Be Assigned

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**OPTICAL SHEET FOR A DISPLAY APPARATUS, METHOD OF MANUFACTURING THE SAME AND DISPLAY APPARATUS HAVING THE SAME**

The specification of which:

(check one)                      I is attached hereto  
☒ was filed on  
as Application Serial No. 10/535,237  
and was amended on May 17, 2005.  
(if applicable)

**ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR**

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in 37, Code of Federal Regulations, § 1.56.\*

**37, Code of Federal Regulations, § 1.56**

- (a) \*A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith toward the Patent and Trademark Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and (1) it establishes, by itself or in combination with other information, a prima facie case of unpatentability; or (2) it refutes, or is inconsistent with, a position the applicant takes in: (i) opposing an argument of unpatentability relied on by the Office, or (ii) asserting an argument of patentability.

McGUIRE WOODS

**PRIORITY CLAIMS**

**Foreign and Provisional Applications**

<b>Prior Application Number(s)</b>	<b>Country or Provisional</b>	<b>Filing Date (MM/DD/YYYY)</b>	<b>Priority Not Claimed</b>
2002-71660	KOREA	11-18-2002	<input type="checkbox"/>

**U.S. and PCT Applications**

I hereby claim the benefit under Title 35, United States Code § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of the Federal Regulations § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

<b>U.S. Parent Application Number</b>	<b>PCT Parent Number</b>	<b>Parent Filing Date (MM/DD/YYYY)</b>	<b>Parent Patent Number (if applicable)</b>
	PCT/KR2003/002087	10-10-2003	

☐ Additional U.S. and/or PCT international application numbers are listed on a supplemental priority sheet attached hereto.

applicant takes in: (i) opposing an argument of unpatentability relied on by the Office, or (ii) asserting an argument of patentability.

### DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole

or First Inventor Jong-Sun LIM

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence 102 Green Villa, #934-52 Daerim 1-dong, Yeongdeungpo-gu, Seoul, Republic of Korea

Citizenship Republic of Korea

Post Office Address Same as above

Full Name of

Second Inventor Hyeong-Suk YOO

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence 107-1802 Byeoksan 1cha Apt., Suji-eup, Yongin-si, Gyeonggi-do, Republic of Korea

Citizenship Republic of Korea

Post Office Address Same as above

Full Name of

Third Inventor Weon-Sik OH

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence 204-802 Unam Jugong Apt., #920-2, Osan-dong, Osan-si, Gyeonggi-do, Republic of Korea

Citizenship Republic of Korea

Post Office Address Same as above

Full Name of

Fourth Inventor Sung-Chul KANG

Inventor's Signature Sung Chul Kang Date 2005. 10. 24

Residence 164-1001 Hyundai Seongwoo 2cha Apt., Sanghyun-ri, Suji-eup, Yongin-si, Gyeonggi-do, Republic of Korea

Citizenship Republic of Korea

Post Office Address Same as above